APPENDIX B
OF
CLEANUP ACTION PLAN
ABLE PEST CONTROL SITE
KENMORE, WASHINGTON
FARALLON PN: 602-002

GRADING PERMIT AND SEPA CHECKLIST

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1.0 INTRODUCTION

This Erosion and Sediment Control Plan has been prepared in accordance with the city of Kenmore requirements for a grading permit application for the Able Pest Control Site located at 18115 62nd Avenue NE in Kenmore, Washington. The Erosion and Sediment Control Plan has been prepared to guide the site cleanup defined in the Cleanup Action Plan (CAP). The cleanup is to be conducted under an Agreed Order with the Washington State Department of Ecology. This Erosion and Sediment Control Plan is included as Appendix B of the CAP and is part of the Agreed Order.

2.0 SITE SOILS

The site soils are predominantly comprised of glacial till. The site is nearly flat and the soils are stable.

3.0 CRITICAL AREAS

There are no current critical erosion areas on the site as defined by Federal, State, and local standards. The exposed soil currently covering the site surface is subject to erosion once excavation has begun.

4.0 EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs)

Erosion and sedimentation will be controlled during the project by the following:

4.1 COVER AND CONTAIN SOIL STOCKPILES

Excavation will occur during relatively dry weather. The soil excavated for off-site disposal will be loaded directly into dump trucks or locked drop boxes. Exposed excavation areas will be temporarily covered with visqueen to prevent erosion and runoff if storm events are producing enough rain to cause runoff.

4.2 SURFACE WATER CONTROL

A temporary lined catch basin will be installed on the north side of the site in the contamination reduction corridor (CRC, Figure 1) for the duration of the project. Stormwater and equipment washwater will be collected in the catch basin to prevent uncontrolled discharge off-site. Water will periodically be pumped to the on-site above ground storage tank and discharged to the sanitary sewer under a temporary King County Industrial Waste Discharge Authorization (DA). The storage tank will be sampled periodically prior to discharge to the sanitary sewer for

Organochlorine Pesticides by USEPA Method 8081. The analytical results will be reported to King County Industrial Waste as required under the temporary DA.

4.3 PLACEMENT OF SILT FENCE ALONG SITE BOUNDARY

A silt fence will be placed along the entire perimeter of the site boundary except the driveway to restrict the off-site migration of sediments. The construction of a graveled access roadway in the CRC will restrict off-site migration of sediment from the site entrance. Installation and use of a truck inspection and wash area will further reduce the potential for off-site sedimentation.

4.4 STORMWATER HANDLING PROCEDURES

Stormwater containment and disposal procedures will be performed to prevent stormwater runoff from the site. These procedures include:

- Construction during relatively dry weather;
- staged excavations so that surface runoff, if any, is directed or pumped to the surface water containment basin utilizing a sump pump as necessary;
- full closure of water conveyance systems when not in use;
- washdown of equipment leaving the site at constructed decontamination area adjacent to the lined catch basin; and,
- controlled discharge from the containment area to the storage tank for discharge to the sanitary sewer.

Any stormwater in individual excavations will be pumped out daily to the storage tank. The roof drain lines from the current residence will be temporarily re-routed off-site to the stormwater drainage ditch downstream of site to minimize runoff across the site. In addition, the section of stormwater drainage culvert beneath the northeast corner entrance to the site, which includes an upstream inlet north of the site and a downstream outlet approximately 70 feet south, and the downstream inlet to the culvert at the southeast corner of the site will be protected with sandbags and hay bails to prevent potential runoff of sediment from the site.

4.5 CONSTRUCTION ENTRANCE/CRC STABILIZATION

A stabilized construction entrance and CRC area will be constructed on the north side of the site adjacent to the lined catch basin. The construction entrance and CRC will consist of a rock pad at least 6 inches thick of 2½ inch minus crushed rock. The pad will be at least 30 feet wide and 150 feet long.

The truck wheel wash/equipment decontamination area will have 5/8-inch rock chips placed on the rock pad. An eight-ounce geotextile fabric and 40 mil high density polyethylene liner will go on the rock chips. The polyethylene liner will be covered with another eight-ounce geotextile fabric liner and three to four inches of 5/8-inch chips, and sloped toward the lined catch basin to contain all wastewater.

4.6 DUST CONTROL

Air quality monitoring for fugitive dust will be performed using a Miniram air monitoring instrument as described in the site-specific Health and Safety Plan (HASP). If air monitoring indicates fugitive dust above allowable levels, a mist spray will be applied to exposed excavation areas. This will be performed periodically as necessary during grading.

5.0 PERMANENT STABILIZATION

The site surface will be backfilled as necessary with a non-select material compacted to a non-yielding state to within six-inches of the final grade. A six-inch lift of clean topsoil will be placed on the exterior areas of the site. Hydroseeding will be established on the site immediately after completion of the project. Regular maintenance will be required initially to ensure hydroseed does not dry-up and die because of lack of moisture.

6.0 STORMWATER MANAGEMENT

The project activities will not create new or additional impermeable surfaces. The peak rates of stormwater runoff from the site will not be increased as a result of the final Cleanup Action. The erosion and sediment control BMPs previously described will adequately restrict excessive off-site stormwater migration. The stormwater contained in the lined catch basin will be sampled for chemical characteristics prior to discharge to the sanitary sewer. Should the analytical results indicate that the concentrations are above acceptable levels for sewer discharge, the water will be trucked off-site to a suitable disposal site.

7.0 MAINTENANCE

The erosion and sediment control structures will be regularly inspected at the beginning and end of each working day and maintained during construction to insure functional integrity. Proper water handling procedures will be discussed with site workers. If a weakness or failure of a control structure is identified, repairs will occur immediately.

The excavations will be planned and constructed such that runoff will be contained and directed or pumped to the lined catch basin.

Once the analytical results of the soils indicate that the MTCA cleanup levels have been attained, the site will be closed. The lined catch basin will be removed, backfilled, and compacted with clean soil. The silt fence will remain in-place until the hydroseeding is well established.

8.0 NON-ESC BMPs

This project is a Final Cleanup Action conducted under an Agreed Order in accordance with Washington State Department of Ecology Model Toxics Control Act Chapter 173-340 WAC. All work will be done in accordance with state and federal regulations including:

- Site specific Health and Safety Plan in accordance with 40 CFR 1910.120;
- 40-hour hazardous materials training for all personnel working on site;
- Strict equipment decontamination wash procedures for all equipment leaving the site including trucks, tools, and personal clothing;
- Detention of washwater and stormwater; and,
- Sampling and analysis of retained water prior to disposal.

FIGURES

ATTACHMENTS